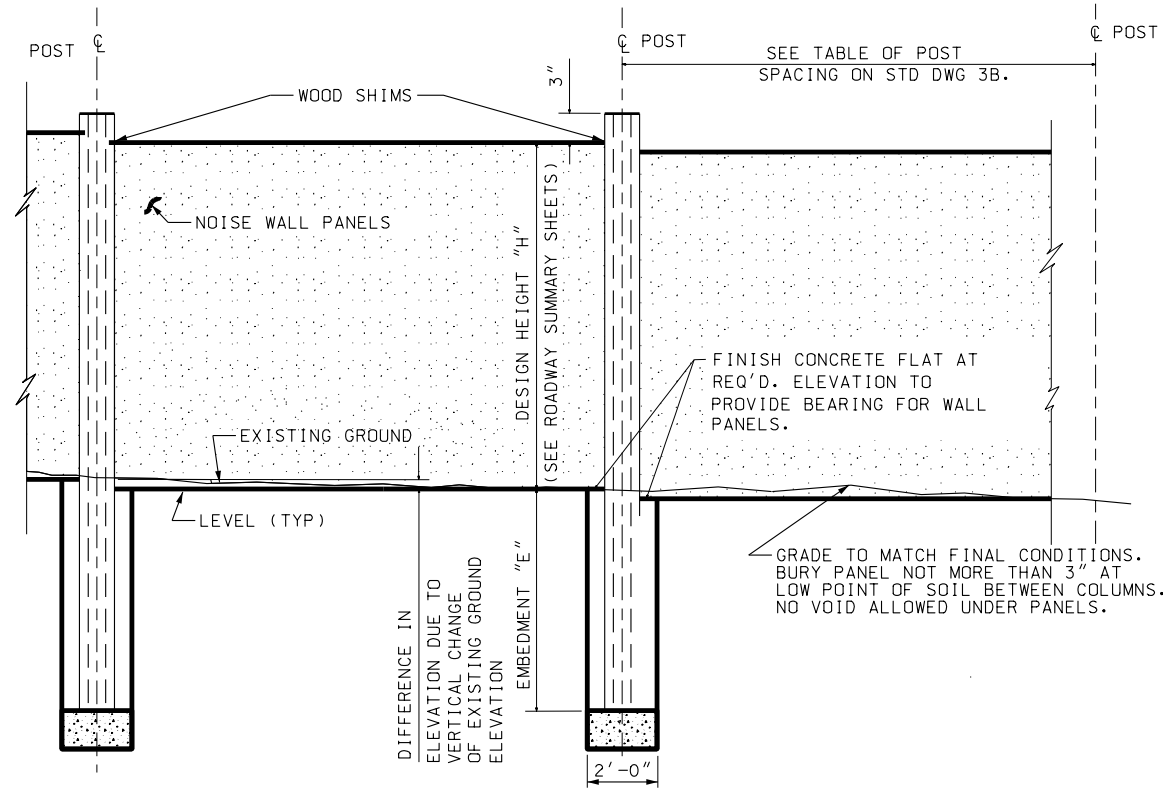
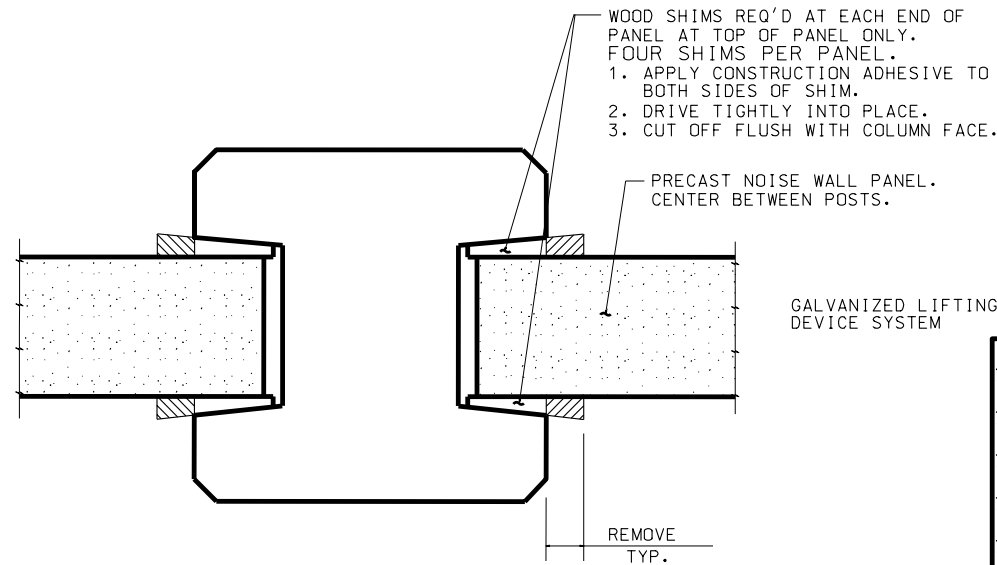


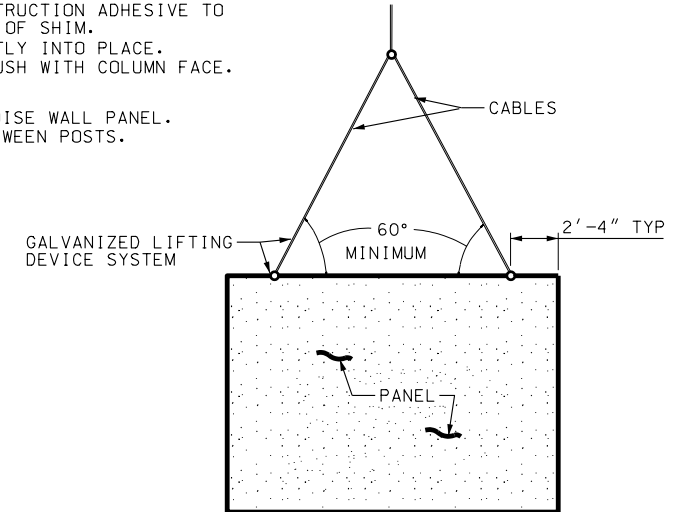
D:\15-DEC-2024\15-DEC-2024\Standard Drawings\Precast Noise Wall\15-DEC-2024.dgn



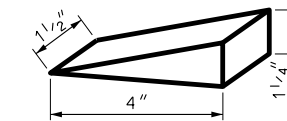
TYPICAL ELEVATION



POST PANEL DETAIL



LIFTING DEVICE DETAIL



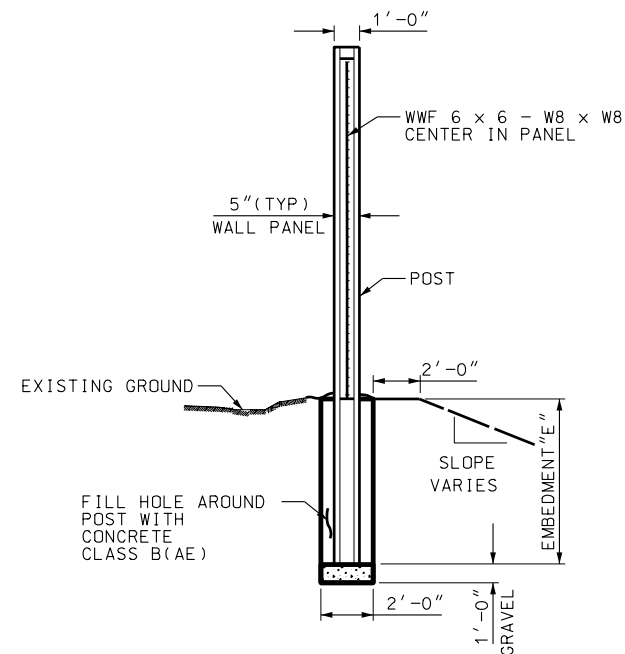
WOOD SHIM DETAIL

NOTES:

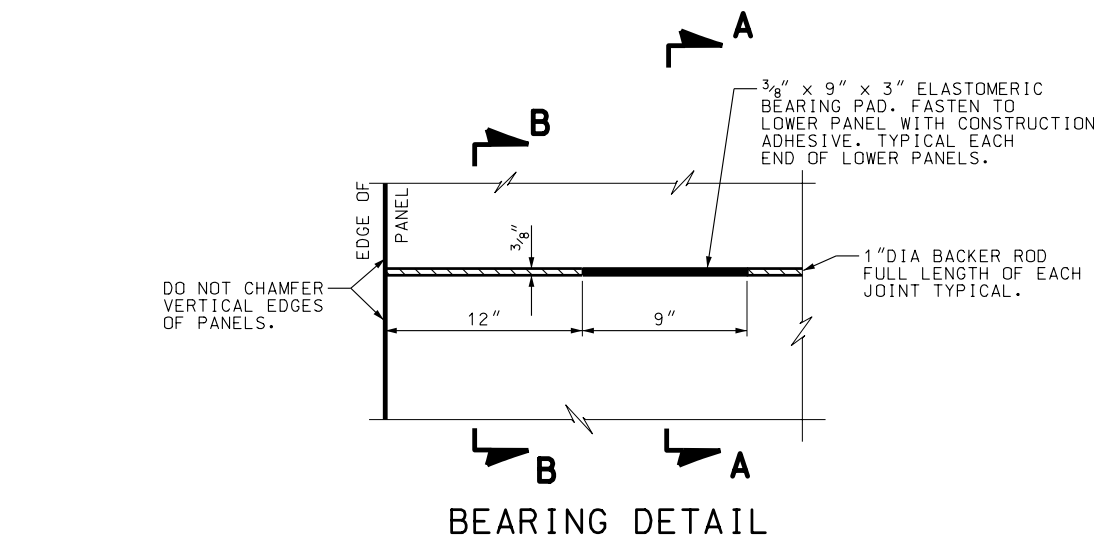
1. CHAMFER EXPOSED CONCRETE CORNERS AS SHOWN.
2. PROVIDE 2" COVER TO REINFORCING STEEL EXCEPT WHERE NOTED OTHERWISE.
3. SEE ROADWAY PLANS FOR LOCATION AND HEIGHT OF PRECAST NOISE WALL.
4. ALL PANELS ARE 11'-5" LONG AND 5" THICK.
5. SEE STD DWG SW 2 "NOISE WALL PLACEMENT AREA" FOR ADDITIONAL PLACEMENT INFORMATION.

DESIGN DATA

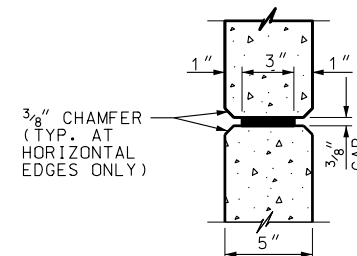
AASHTO GUIDE SPECIFICATIONS FOR STRUCTURAL DESIGN OF SOUND BARRIERS.
CONCRETE CLASS 4A(AE) $f'_c = 5,000$ psi; f_s (REINF.) = 24,000 psi; $n=8$.
CONCRETE CLASS B(AE) $f'_c = 2,500$ psi (FOR HOLES AROUND POSTS ONLY).



TYPICAL SECTION



SECTION B-B



SECTION A-A

REVISIONS

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SOUND BARRIERS

RECOMMENDED FOR APPROVAL
CHAIRMAN STANDARDS COMMITTEE
APPROVED
DEPUTY DIRECTOR

PRECAST CONCRETE
NOISE WALL
1 OF 2

STD DWG
SW 3A

STANDARD DRAWING TITLE

REMARKS

NO.

DATE

APPR.

DATE

DATE